

Safety Data Sheet



Revision Date 12-Jan-2017
Version 1.02

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name Red X It

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Textile Cleaning

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands Europe
Chemspec
22 Plover Close Interchange Park
Newport Pagnell MK16 9PS, UK
+44 (0) 1908 611211

Manufacturer Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

For further information, please contact: msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI): +358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790
Poison Center Nord: +49 551 19240 (24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway Poisons Information (NO): + 47 22 591300
Portugal Poison Information Center (PT): +351 21 330 3284
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV): +46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111

2. Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Serious eye damage/eye irritation

Category 1 - (H318)

2.2 Label elements**Signal Word**

Danger

Hazard Statements

H318 - Causes serious eye damage

EUH031 - Contact with acids liberates toxic gas

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear eye protection/ face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Contains SODIUM METABISULFITE

2.3. Other Hazards

No information available

3. Composition/information on ingredients**3.1 Substances**

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

| Chemical Name | EC-No | CAS-No | Weight % | Classification (1272/2008/EC) | REACH Registration Number |
|--|-----------|------------|----------|--|---------------------------|
| SODIUM METABISULFITE | 231-673-0 | 7681-57-4 | 10 - 25 | Acute Tox. 4 (H302) Eye Dam. 1 (H318) (EUH031) | no data available |
| METHANOL | 200-659-6 | 67-56-1 | < 1 | Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370) Flam. Liq. 2 (H225) | no data available |
| POLY(OXY-1,2-ETHANEDIYL), A-HYDRO-O-HYDROXY- | - | 25322-68-3 | < 1 | NA | no data available |
| Benzyl acetate | 205-399-7 | 140-11-4 | < 0.1 | no data available | no data available |
| 1,4-DIOXANE | 204-661-8 | 123-91-1 | < 0.1 | Eye Irrit. 2 (H319) Carc. 2 (H351) STOT SE 3 (H335) Flam. Liq. 2 (H225) (EUH066) (EUH019) | no data available |

| | | | | | |
|----------------|-----------|---------|-------|--|-------------------|
| Ethylene oxide | 200-849-9 | 75-21-8 | < 0.1 | Acute Tox. 3 (H331) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Muta. 1B (H340) Carc. 1B (H350) STOT SE 3 (H335) Flam. Gas 1 (H220) Press. Gas | no data available |
| Acetaldehyde | 200-836-8 | 75-07-0 | < 0.1 | Eye Irrit. 2 (H319) Carc. 2 (H351) STOT SE 3 (H335) Flam. Liq. 1 (H224) | no data available |

For the full text of the H-Statements mentioned in this Section, see Section 16

4. First Aid Measures

4.1 Description of first-aid measures

| | |
|-----------------------|--|
| General advice | When symptoms persist or in all cases of doubt seek medical advice. |
| Inhalation | Move to fresh air. Get medical attention immediately if symptoms occur. |
| Skin contact | Wash off immediately with soap and plenty of water. Use a mild soap if available. |
| Eye contact | Remove contact lenses, if present. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention. |
| Ingestion | Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Gently wipe or rinse the inside of the mouth with water. Get medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---------------------------|
| Symptoms | No information available. |
|-----------------|---------------------------|

4.3 Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to physician | Treat symptomatically. |
|---------------------------|------------------------|

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, fog, Carbon dioxide (CO₂), foam or dry chemical.

Small Fires

Dry chemical or CO₂

Large Fires

Alcohol type or all purpose foam.

Extinguishing media which shall not be used for safety reasons

High volume water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

Hazardous Combustion Products

Carbon monoxide Carbon dioxide (CO₂)

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

Advice for emergency responders

For personal protection see section 8.

6.2 Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See section 8 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Hygiene measures

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

7.3 Specific end uses

Specific use(s)

No information available

Exposure scenario

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure Limit Values

| Chemical Name | European Union | Austria | Belgium | Denmark | Finland | France |
|-----------------------------------|----------------|---------|--------------------------|--------------------------|--------------|--------------------------|
| SODIUM METABISULFITE 7681-57-4 | | | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | | TWA: 5 mg/m ³ |
| METHANOL | TWA: 200 ppm | Skin | TWA: 200 ppm | TWA: 200 ppm | TWA: 200 ppm | TWA: 200 ppm |

| | | | | | | |
|---|--|--|--|--|---|--|
| 67-56-1 | TWA: 260 mg/m ³ Skin | STEL 800 ppm STEL 1040 mg/m ³ TWA: 200 ppm TWA: 260 mg/m ³ | TWA: 266 mg/m ³ S* STEL: 250 ppm STEL: 333 mg/m ³ | TWA: 260 mg/m ³ Skin | TWA: 270 mg/m ³ STEL: 250 ppm STEL: 330 mg/m ³ Skin | TWA: 260 mg/m ³ STEL: 1000 ppm STEL: 1300 mg/m ³ |
| POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3 | | STEL 4000 mg/m ³ TWA: 1000 mg/m ³ | | | | |
| Benzyl acetate 140-11-4 | | | TWA: 10 ppm TWA: 62 mg/m ³ | TWA: 10 ppm TWA: 61 mg/m ³ | | |
| 1,4-DIOXANE 123-91-1 | | Skin STEL 40 ppm STEL 146 mg/m ³ TWA: 20 ppm TWA: 73 mg/m ³ | TWA: 20 ppm TWA: 73 mg/m ³ S* | TWA: 10 ppm TWA: 36 mg/m ³ Skin | TWA: 10 ppm TWA: 36 mg/m ³ STEL: 40 ppm STEL: 150 mg/m ³ Skin | TWA: 20 ppm TWA: 73 mg/m ³ STEL: 40 ppm STEL: 140 mg/m ³ |
| Ethylene oxide 75-21-8 | | Skin | TWA: 1 ppm TWA: 1.8 mg/m ³ | TWA: 1 ppm TWA: 1.8 mg/m ³ | TWA: 1 ppm TWA: 1.8 mg/m ³ | TWA: 1 ppm STEL: 5 ppm |
| Acetaldehyde 75-07-0 | | STEL 50 ppm STEL 90 mg/m ³ TWA: 50 ppm TWA: 90 mg/m ³ Ceiling 50 ppm Ceiling 90 mg/m ³ | Maximum Limit Value: 25 ppm Maximum Limit Value: 46 mg/m ³ | Ceiling: 25 ppm Ceiling: 45 mg/m ³ | STEL: 25 ppm STEL: 46 mg/m ³ | TWA: 100 ppm TWA: 180 mg/m ³ |
| Chemical Name | Germany | Iceland | Ireland | Italy | Luxembourg | The Netherlands |
| SODIUM METABISULFITE 7681-57-4 | | TWA: 5 mg/m ³ Ceiling: 10 mg/m ³ | TWA: 5 mg/m ³ STEL: 15 mg/m ³ | TWA: 5 mg/m ³ | | |
| METHANOL 67-56-1 | TWA: 200 ppm TWA: 270 mg/m ³ Skin | TWA: 200 ppm TWA: 260 mg/m ³ S* Ceiling: 400 ppm Ceiling: 520 mg/m ³ | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 600 ppm STEL: 780 mg/m ³ Skin | TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 328 mg/m ³ TWA: 262 mg/m ³ Skin | S* TWA: 200 ppm TWA: 260 mg/m ³ | Skin TWA: 133 mg/m ³ TWA: 100 ppm |
| POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3 | TWA: 1000 mg/m ³ | | | | | |
| Benzyl acetate 140-11-4 | | | | TWA: 10 ppm TWA: 61 mg/m ³ | | |
| 1,4-DIOXANE 123-91-1 | TWA: 20 ppm TWA: 73 mg/m ³ Skin | TWA: 20 ppm TWA: 73 mg/m ³ S* Ceiling: 40 ppm Ceiling: 146 mg/m ³ | TWA: 20 ppm TWA: 73 mg/m ³ STEL: 60 ppm STEL: 219 mg/m ³ Skin | TWA: 20 ppm TWA: 72 mg/m ³ | TWA: 73 mg/m ³ TWA: 20 ppm | TWA: 20 mg/m ³ |
| Ethylene oxide 75-21-8 | Skin | TWA: 1 ppm TWA: 1.8 mg/m ³ S* Ceiling: 2 ppm Ceiling: 3.6 mg/m ³ | TWA: 5 ppm TWA: 10 mg/m ³ STEL: 15 ppm STEL: 30 mg/m ³ | TWA: 1 ppm TWA: 1.8 mg/m ³ | | TWA: 0.84 mg/m ³ |
| Acetaldehyde 75-07-0 | TWA: 50 ppm TWA: 91 mg/m ³ Skin | STEL: 25 ppm STEL: 45 mg/m ³ | TWA: 25 ppm TWA: 45 mg/m ³ STEL: 25 ppm STEL: 45 mg/m ³ | | | STEL: 92 mg/m ³ TWA: 37 mg/m ³ |
| Chemical Name | Norway | Portugal | Spain | Sweden | Switzerland | The United Kingdom |
| SODIUM METABISULFITE 7681-57-4 | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | | TWA: 5 mg/m ³ | STEL: 15 mg/m ³ TWA: 5 mg/m ³ |
| METHANOL 67-56-1 | TWA: 100 ppm TWA: 130 mg/m ³ Skin STEL: 150 ppm STEL: 162.5 mg/m ³ | STEL: 250 ppm TWA: 200 ppm TWA: 260 mg/m ³ | S* TWA: 200 ppm TWA: 266 mg/m ³ | LLV: 200 ppm LLV: 250 mg/m ³ S* STV: 250 ppm STV: 350 mg/m ³ | Skin STEL: 800 ppm STEL: 1040 mg/m ³ TWA: 200 ppm TWA: 260 mg/m ³ | STEL: 250 ppm STEL: 333 mg/m ³ TWA: 200 ppm TWA: 266 mg/m ³ Skin |
| POLY(OXY-1,2-ETHA | | | | | TWA: 1000 mg/m ³ | |

| | | | | | | |
|--|---|--|--|--|---|---|
| NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3 | | | | | | |
| Benzyl acetate 140-11-4 | | TWA: 10 ppm | TWA: 10 ppm TWA: 62 mg/m ³ | | | |
| 1,4-DIOXANE 123-91-1 | TWA: 5 ppm TWA: 18 mg/m ³ Skin STEL: 10 ppm STEL: 36 mg/m ³ | TWA: 20 ppm TWA: 73 mg/m ³ | TWA: 20 ppm TWA: 73 mg/m ³ | LLV: 10 ppm LLV: 35 mg/m ³ S* STV: 25 ppm STV: 90 mg/m ³ | Skin STEL: 40 ppm STEL: 144 mg/m ³ TWA: 20 ppm TWA: 72 mg/m ³ | STEL: 60 ppm STEL: 219 mg/m ³ TWA: 20 ppm TWA: 73 mg/m ³ Skin |
| Ethylene oxide 75-21-8 | TWA: 1 ppm STEL: 3 ppm | TWA: 1 ppm | TWA: 1 ppm TWA: 1.8 mg/m ³ | LLV: 1 ppm LLV: 2 mg/m ³ S* STV: 5 ppm STV: 9 mg/m ³ | Skin TWA: 1 ppm TWA: 2 mg/m ³ | STEL: 15 ppm STEL: 27.6 mg/m ³ TWA: 5 ppm TWA: 9.2 mg/m ³ |
| Acetaldehyde 75-07-0 | TWA: 25 ppm TWA: 45 mg/m ³ STEL: 37.5 ppm STEL: 67.5 mg/m ³ | Ceiling: 25 ppm | STEL: 25 ppm STEL: 46 mg/m ³ | LLV: 25 ppm LLV: 45 mg/m ³ STV: 50 ppm STV: 90 mg/m ³ | STEL: 50 ppm STEL: 90 mg/m ³ TWA: 90 mg/m ³ TWA: 50 ppm | STEL: 50 ppm STEL: 92 mg/m ³ TWA: 20 ppm TWA: 37 mg/m ³ |

TWA: Time weighted average
 STEL: Short term exposure limit
 LLV: Exposure Limit Values
 STV: Short Term Value

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment
Eye/Face Protection Safety glasses with side-shields.
Hand Protection Protective gloves.
Skin and body protection Long sleeved clothing.
Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

Environmental Exposure Controls Prevent product from entering drains. Do not allow material to contaminate ground water system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical state | Liquid |
| Appearance | Clear liquid |
| Color | Colorless |
| Odor | Sulfur |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks</u> |
|-------------------------------------|------------------|--------------------------|
| pH | 5.2 | |
| Melting/freezing point | | No information available |
| Boiling point/boiling range | | No information available |
| Flash Point | Not Determined | |
| Evaporation rate | | No information available |
| Flammability (solid, gas) | | No information available |
| Flammability Limits in Air | | |
| upper flammability limit | | No information available |
| lower flammability limit | | No information available |
| Vapor pressure | | No information available |
| Vapor density | | No information available |
| Specific Gravity | 1.08 | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | | No information available |
| Partition coefficient | | No information available |
| Autoignition temperature | | No information available |
| Decomposition temperature | | No information available |
| Viscosity, kinematic | | No information available |
| Viscosity, dynamic | | No information available |
| Explosive properties | | No information available |
| Oxidizing Properties | | No information available |

9.2 Other information

Volatile organic compounds (VOC) content Negligible

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

10.5 Incompatible Materials

Metals

10.6 Hazardous Decomposition Products

None known.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information

The product itself has not been tested.

| | |
|---------------------|---|
| Inhalation | There are no data available for this product. |
| Eye contact | There are no data available for this product. |
| Skin contact | There are no data available for this product. |
| Ingestion | There are no data available for this product. |

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|--------------------------------------|----------------|
| ATEmix (oral) | 4,193.00 mg/kg |
| ATEmix (inhalation-dust/mist) | 67.42 mg/l |

Unknown Acute Toxicity

- 33.11099% of the mixture consists of ingredient(s) of unknown toxicity
- 13.41025 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 33.11088 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 33.11099 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 32.61094 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 32.71098 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

| | |
|--|---------------------------|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |

| | |
|--|---------------------------------|
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive toxicity | No information available. |
| Specific target organ systemic toxicity (single exposure) | No information available. |
| Specific target organ systemic toxicity (repeated exposure) | No information available. |
| Target Organs | Eyes. Respiratory system. Skin. |
| Aspiration hazard | No information available. |

12. Ecological information

12.1 Toxicity

17.6109210881 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to daphnia and other aquatic invertebrates |
|----------------------|---|---|---|
| SODIUM METABISULFITE | EC50: 72 h <i>Desmodesmus subspicatus</i> 48 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 40 mg/L | LC50: 96 h <i>Lepomis macrochirus</i> 32 mg/L static | |
| METHANOL | | LC50: 96 h <i>Pimephales promelas</i> 28200 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 100 mg/L static LC50: 96 h <i>Oncorhynchus mykiss</i> 19500 - 20700 mg/L flow-through LC50: 96 h <i>Oncorhynchus mykiss</i> 18 - 20 mL/L static LC50: 96 h <i>Lepomis macrochirus</i> 13500 - 17600 mg/L flow-through | |
| 1,4-DIOXANE | | LC50: 96 h <i>Lepomis macrochirus</i> 10000 mg/L static LC50: 96 h <i>Lepomis macrochirus</i> 10000 mg/L semi-static LC50: 96 h <i>Pimephales promelas</i> 9850 mg/L flow-through LC50: 96 h <i>Pimephales promelas</i> 10306 - 14742 mg/L static LC50: 96 h <i>Pimephales promelas</i> 9850 mg/L | EC50: 48 h water flea 163 mg/L Static |
| Ethylene oxide | | LC50: 96 h <i>Pimephales promelas</i> 73 - 96 mg/L | LC50: 48 h <i>Daphnia magna</i> 137 - 300 mg/L |
| Acetaldehyde | | LC50: 96 h <i>Pimephales promelas</i> 28.0 - 34.0 mg/L flow-through LC50: 96 h <i>Lepomis macrochirus</i> 53 mg/L static LC50: 96 h <i>Oncorhynchus mykiss</i> 1.8 - 2.4 mg/L static LC50: 96 h <i>Pimephales promelas</i> 39.8 - 46.8 mg/L static | EC50: 48 h <i>Daphnia magna</i> 3.64 - 6.15 mg/L Static EC50: 48 h <i>Daphnia magna</i> 48.3 mg/L |

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

| Chemical Name | log Pow |
|----------------------|---------|
| SODIUM METABISULFITE | -3.7 |
| METHANOL | -0.77 |
| Benzyl acetate | 1.96 |
| 1,4-DIOXANE | -0.42 |
| Ethylene oxide | -0.3 |
| Acetaldehyde | 0.5 |

12.4 Mobility in soil**Mobility in soil**

No information available.

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

No adverse effects are expected.

13. Disposal Considerations

13.1 Waste treatment methods**Waste from residues / unused products**

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other information

According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

14. Transport Information

ADR

| | |
|---------------------------|----------------|
| 14.1 UN | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions | None |

IMDG

| | |
|---------------------------|---------------|
| 14.1 UN | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard class | Not regulated |
| 14.4 Packing Group | Not regulated |

| | |
|--|--------------------------|
| 14.5 Marine pollutant | Not applicable |
| 14.6 Special Provisions | None |
| 14.7 Transport in bulk according to MARPOL 73/78 and the IBC Code | No information available |

IATA

| | |
|----------------------------------|----------------|
| 14.1 UN | Not regulated |
| 14.2 Proper shipping name | Not regulated |
| 14.3 Hazard class | Not regulated |
| 14.4 Packing Group | Not regulated |
| 14.5 Environmental hazard | Not applicable |
| 14.6 Special Provisions | None |

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Germany

| Chemical Name | French RG number | Title |
|-----------------------------------|------------------|-------|
| SODIUM METABISULFITE 7681-57-4 | RG 66 | - |
| METHANOL 67-56-1 | RG 84 | - |
| 1,4-DIOXANE 123-91-1 | RG 84 | - |
| Ethylene oxide 75-21-8 | RG 66 | - |
| Acetaldehyde 75-07-0 | RG 84 | - |

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

International Inventories

| | |
|----------------------|----------|
| TSCA | Complies |
| EINECS/ELINCS | Complies |
| DSL | Complies |
| PICCS | - |
| ENCS | - |
| IECSC | - |
| AICS | Complies |
| KECL | - |
| NZIoC | - |

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

15.2 Chemical Safety Assessment

No information available

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H319 - Causes serious eye irritation
H351 - Suspected of causing cancer if inhaled
H335 - May cause respiratory irritation
H225 - Highly flammable liquid and vapor
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H331 - Toxic if inhaled
H370 - Causes damage to organs if inhaled
H224 - Extremely flammable liquid and vapor
H315 - Causes skin irritation
H340 - May cause genetic defects if inhaled
H350 - May cause cancer if swallowed
H220 - Extremely flammable gas
H302 - Harmful if swallowed
H318 - Causes serious eye damage
EUH066 - Repeated exposure may cause skin dryness or cracking
EUH019 - May form explosive peroxides
EUH031 - Contact with acids liberates toxic gas

Revision Date 12-Jan-2017

Revision Note Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet